# **Assessment rubric**

# **Year 4 – Data logging**

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| **Pupil:** |  | **Teacher:** |  | **Date:** |  |

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|  | **Emerging [1]** | **Expected [2]** | **Exceeding [3]** | **Score** |
| **Asking questions** | * Suggests what topic they want to ask a question about
* Chooses a relevant question that can be answered using a data logger
 | * Suggests questions that require data from at least one sensor to answer them
* Suggests questions that require data to be collected over time to answer them
 | * Suggests questions that require data from more than one sensor and/or time frame to answer them
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| **Collecting data** | * Identifies what time of day they need to collect data
* Chooses the most relevant place a data logger could be set up
 | * Identifies a suitable time frame to collect data to answer their question
* Identifies where the data logger needs to be placed to answer their question
* Identifies which sensor(s) needs to be used to answer their question
 | * Suggests the time frame that will offer the most varied data
* Evaluates the most effective place to collect data
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| **Viewing data** | * Uses software to view collected data
* Recognises some data points in their data
 | * Uses software to view relevant data
* Recognises how some data points are different
 | * Uses zoom features to look at sections of data more closely
* Describes the differences in data points
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| **Findings** | * Recognises changes in a graph
* Identifies the part of the graph that could help them answer their question
 | * Makes statements about what their data shows
* Uses their collected data to answer their question
 | * Identifies the parts of their data most relevant to answering their question
* Suggests other questions that their data could answer
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| **Teacher feedback** |  |
| **Pupil response to feedback** |  |

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